

3603 TGTCGGCTGAAGCTGAGTCTCGGCTGAGGCTGAGGAGTGTCCAGCCAGGCTGA 3662
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408 TGTCGGCTGAAGCTGAGTCTCGGCTGAGGCTGAGGAGTGTCCAGCCAGGCTGA 349
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3663 GTGTCCAGCACACCTGCGCTTCACTTCCCTCCACAGGCTGCGCTCCACCCAGG 3722
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348 GTGTCCAGCACACCTGCGCTTCACTTCCCTCCACAGGCTGCGCTCCACCCAGG 289
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3723 GCCAGCTTTCTCACCAGGAGCCGGCTTCCATCCCTCCACATAGGAATAGTCCATCCC 3782
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288 GCCAGCTTTCTCACCAGGAGCCGGCTTCCATCCCTCCACATAGGAATAGTCCATCCC 229
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3783 AGATTGCGCATTTGTTACCCCTCGCTGCTTCCCTTCCCTCCACCCAGGCTGCG 3842
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228 AGATTGCGCATTTGTTACCCCTCGCTGCTTCCCTTCCCTCCACCCAGGCTGCG 169
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3843 GTGAGACCTTGAGAGGACCTCGGAGCTCTGGAAATTTGGAGTGAACCAAGGTGCGC 3902
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168 GTGAGACCTTGAGAGGACCTCGGAGCTCTGGAAATTTGGAGTGAACCAAGGTGCGC 109
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3903 CTGTACACAGCGAGGACCTGACCTGATGGGGTCCCTGTGGTCAAAATTTGGGGGA 3962
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108 CTGTACACAGCGAGGACCTGACCTGATGGGGTCCCTGTGGTCAAAATTTGGGGGA 49
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3963 GGTGCTGTGGGAGTAAATCTGAATATATGAGTTTTCAGTTTGA 4010
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48 GGTGCTGTGGGAGTAAATCTGAATATATGAGTTTTCAGTTTGA 1

RESULT 5
AA281296
LOCUS
DEFINITION
z108902.r1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:712562 5',
mRNA sequence.
AA281296
VERSION
AA281296.1 GI:1924194
KEYWORDS
EST.
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 389)
NCI-CCAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
TITLE
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
UNPUBLISHED
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert length: 2187 Std Error: 0.00
Seq primer: -28m13 rev2 ET from Amersham
High quality sequence stop: 385.
FEATURES
Location/Qualifiers
1..389
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/db_xref="taxon:9606"
/clone="IMAGE:712562"
/tissue_type="germinal center B cell"
/lab_host="DH10B"
/clone_lib="NCI-CCAP GCB1"
/note="vector: p7T3D-Pac (Pharmacia) with a modified
polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand
was prepared from human tonsillar cells enriched for
germinal center B cells by flow sorting (CD20+, IgD-),
provided by Dr. Louis M. Staudt (NCI), Dr. David Allman
(NCI) and Dr. Gerald Marti (CSER). cDNA synthesis was
primed with a Not I - oligo(dT) primer
[5'-TGTTACCAATCTGAGTGGGCGGCGCTCATTTTTTTTTTTT-3'
]. Double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I

and Eco RI sites of the modified p7T3 vector. Library
went through one round of normalization, and was
constructed by Bento Soares and M. Fatima Bonaldo."
BASE COUNT 87 a 102 c 123 g 77 t
ORIGIN
Query Match 7.1%; Score 287; DB 9; Length 389;
Best Local Similarity 99.5%; Pred. No. 3.8e-123;
Matches 387; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1679 GCCAAGTCTCTGCACTGGCTGAGTGTGCTGAGCTGCTCAGGTCTTTCTTT 1738
Db 1 GCCAAGTCTCTGCACTGGCTGAGTGTGCTGAGCTGCTCAGGTCTTTCTTT 60
QY 1739 TATGTCAOGAGACCACTGTTTCAAAAGAACAGGCTCTTTTCTACCGAAGAGTGTCTGG 1798
Db 61 TATGTCAOGAGACCACTGTTTCAAAAGAACAGGCTCTTTTCTACCGAAGAGTGTCTGG 120
QY 1799 AGCAAGTTCGAAGCAATTCGAATCAGACAGCACTTGAAGAGGCTGAGCTGCGGAGCTG 1858
Db 121 AGCAAGTTCGAAGCAATTCGAATCAGACAGCACTTGAAGAGGCTGAGCTGCGGAGCTG 180
QY 1859 TCAGAGACAGAGGTGAGGAGCACTCCGGAAGCCAGGCGCCCTGCTGAGCTCCAGACTC 1918
Db 181 TCAGAGACAGAGGTGAGGAGCACTCCGGAAGCCAGGCGCCCTGCTGAGCTCCAGACTC 240
QY 1919 CGTTTCATCCCAAGCTGACCGGCTGCGGCGGATTTGTGAACATGACTACGTCGTGGGA 1978
Db 241 CGTTTCATCCCAAGCTGACCGGCTGCGGCGGATTTGTGAACATGACTACGTCGTGGGA 300
QY 1979 GCCAGAACGTTCCGAGAGAAAAGAGGCGCGAGCTCTACCTCAGAGGTGAAGGACTG 2038
Db 301 GCCAGAACGTTCCGAGAGAAAAGAGGCGCGAGCTCTACCTCAGAGGTGAAGGACTG 360
QY 2039 TTCAGGCTGCTCAACTACGAGCGGCGCG 2067
Db 361 TTCAGGCTGCTCAACTACGAGCGGCGCG 389

RESULT 6
BE514188
LOCUS
DEFINITION
601316376F1 NTH_MGC_8 Homo sapiens cDNA clone IMAGE:3634987 5',
mRNA sequence.
BE514188
VERSION
BE514188.1 GI:9721400
KEYWORDS
EST.
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 610)
NIH-MGC <http://imgc.ncbi.nih.gov/>.
AUTHORS
National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL
Unpublished
COMMENT
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D.
CDNA Library Preparation: Ling Hong/Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at: image.llnl.gov
Plate: LLC330 row: g column: 20
High quality sequence stop: 610.
FEATURES
Location/Qualifiers
1..610
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:3634987"
/tissue_type="Burkitt lymphoma"
/lab_host="DH10B (phage-resistant)"